

EAST Search History

Ref #	Hits	Search Query	Dbs	Default Operator	Plurals	Time Stamp
S1	157	hydrogel with (microsphere microcapsule micro adj sphere micro adj capsule microbation hollow adj sphere vaded adj polymer adj particles)	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 15:03
S2	79	S1 and emuls55	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:22
S3	2	("4272298") IN	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:23
S4	2478	isopropylacrylamide	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:24
S5	2110	N-isopropylacrylamide	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/08 16:16
S6	1054	S5 and emuls55	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:25
S7	91	S5 with hydrogel	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:27
S8	0	S7 with (microsphere microcapsule)	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/08 16:53
S9	10	S7 and(microsphere microcapsule)	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/08 12:30

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S10	10	S7 and (microsphere microcapsule)	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/08 16:18
S11	32	S5 with (advantag55 characteristic55)	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:39
S12	1	S5 with (poly adj ethylene adj glycol adj diacrylate or PEG-DA)	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:36
S14	36	S5 with PEG	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:36
S15	43	PEG-DA	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:36
S16	124	(poly adj ethylene adj glycol) with (advantag55 characteristic55)	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:44
S19	25936	diacrylate	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:44
S20	216	diacrylate with advantag55	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:47
S21	6857	ethylene adj glycol adj diacrylate	US-PGPub, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/07 16:53

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S23	33	S21 with (advantage\$5 benefit)	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/08 16:52
S24	107	S6 and S21	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/07 16:54
S25	62	S24 and emula\$5	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/07 16:54
S26	2	"4822535" PN	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/08 11:56
S31	31	"4822535" URPN	USPAT	OR	OFF	2005/08/08 11:56
S32	31	"4822535" URPN	USPAT	OR	OFF	2005/08/08 12:53
S33	15	"3155590" "3205179" "3534394" "3557144" "3897414" "4061466" "4123403" "4389330" "4456471" "4540502" "4605840" PN	US:PGPUB, USPAT, USCOR	OR	OFF	2005/08/08 12:55
S34	15	S32 and (microcapsule microsphere)	US:PGPUB, USPAT, USCOR	OR	OFF	2005/08/08 14:24
S35	1	"4822535" PN	USPAT, USCOR	OR	OFF	2005/08/08 14:23
S37	23455	aqueous adj emulsion	US:PGPUB, USPAT, USCOR	OR	OFF	2005/08/08 14:24
S38	794	S37 and (microcapsule microsphere)	US:PGPUB, USPAT, USCOR	OR	ON	2005/08/08 16:39
S39	7	two near3 phase adj aqueous adj emulsion	US:PGPUB, USPAT, USCOR	OR	OFF	2005/08/08 16:11
S40	2114	N-isopropylacrylamide	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/08 16:11

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S41	6670	ethylene adj glycol adj diacrylate	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/08 16:11
S44	56127	S40 sam eL25	US:PGPUB, USPAT, USCOR	OR	OFF	2005/08/08 16:12
S47	106	S40 and S41	US:PGPUB, USPAT, USCOR	OR	OFF	2005/08/08 16:16
S50	6670	ethylene adj glycol adj diacrylate	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/08 16:51
S51	5006	S50 and (advantage\$5 benefit)	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/08 16:51
S52	3	S50 near5 (advantage\$5 benefit)	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/08 16:52
S53	4	S50 with (microsphere microcapsule)	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	ON	2005/08/08 16:53
S54	12636	poly adj ethylene adj glycol	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/09 12:29
S55	2122	S54 and (microsphere microcapsule)	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	ON	2005/08/09 12:32
S56	714	S54 with crosslink\$5	US:PGPUB, USPAT, USCOR, EPO:JPO, DERIVENT	OR	OFF	2005/08/09 12:30

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587	177	556 and (microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2005/08/09 12:38
588	2921	injectable adj (microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2005/08/09 12:39
589	2	("5596296") PN	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/09 15:43
593	10	("4464321" "4965128" "5166187" "5263964" "5290271" "5342348" "5444113" "5567612") PN OR ("6596296") USPN	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/09 16:18
595	9	("4464321" "4965128" "5166187" "5263964" "5270300" "5290271" "5342348" "5567612" "6596296") PN	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/09 16:19
597	8	("4464321" "4965128" "5166187" "5263964" "5290271" "5342348" "5444113" "5567612") PN	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/09 16:19
599	6	(("5596296") or ("6596296") or ("6130318")) PN	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/08/09 16:20
570	152362	microcapsule microsphere microballoon micro adj capsule micro adj sphere micro adj balloon core adj shell core adj shell adj particle nanocapsule nanopore nano adj capsule nano adj sphere core-shell core-shell adj particle microencapsuleS4 micro adj encapsuleS4	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2005/11/08 17:06
571	9161	570 same hydrogel	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2005/11/08 17:06
572	8740	(poly adj ethylene adj glycol polyethylene adj glycol polyethyleneglycol PEG) near3 (diacrylate di adj acrylate DA)	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2005/11/08 17:07

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573	5437	(N-isopropylacrylamide N adj isopropylacrylamide N adj isopropyl adj acrylamide N PAA)	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/11/08 17:06
574	2	571 same 572 same 573	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/11/08 17:06
575	3	570 same 572 same 573	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/11/08 17:06
576	12	570 and (572 same 573)	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/11/08 17:09
577	726	(Zhu-Chi5 Zhang-Niand Wu-Ded) in.	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2005/11/08 17:11
578	7702	((429-402-402-24) or (427/213 3-213 36) or (264-4-4-7)) OQLS	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/11/08 17:33
579	286	hydrogel with (microsphere microcapsule micro adj sphere micro adj capsule microballoon hollow adj sphere voided adj polymer adj particles)	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/11/08 17:35
580	159	579 and emuls55	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/11/08 17:35
581	2	("4272298") PN	US:PGPUB, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2005/11/08 17:35

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582	4296	isopropylacrylamide	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
583	3701	N-isopropylacrylamide	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
584	1682	583 and emula55	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
585	190	583 with hydrogel	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
586	2	585 with (microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
587	27	585 and(microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
588	27	585 and (microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
589	45	585 with (advantag55 characteristic55)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
590	7	583 with (poly adj ethylene adj glycol adj diacrylate or PEG-DA)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35

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591	6	583 with PEG-DA	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
592	153	583 with PEG	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
593	99	PEG-DA	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
594	1	PEG-DA with (advantag55 characteristic55)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
595	5	(poly adj ethylene adj glycol adj diacrylate or PEG-DA) with (advantag55 characteristic55)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
596	209	(poly adj ethylene adj glycol) with (advantag55 characteristic55)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
597	37461	diacrylate	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
598	255	diacrylate with advantage55	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35
599	9329	ethylene adj glycol adj diacrylate	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 17:35

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EAST Search History

SIO 0	45	589 with (advantage\$5 benefit)	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 1	201	585 and 589	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 3	127	S101 and emuls\$5	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 4	12	("4921757" "4963367" "5639441" "5674521") PN OR ("6395362") URPN	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 6	2	("0213303") PN	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 7	2	("4822535") PN	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 8	39	("4822535") URPN	USPAT	OR	OFF	2008/11/08 17:35
SIO 9	39	("4822535") URPN	USPAT	OR	OFF	2008/11/08 17:35
SIO 10	16	("3155590" "3206173" "3634394" "3657144" "3897414" "4061466" "4123403" "4389330" "4486471" "4540602" "4608940") PN	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 11	21	S109 and (microcapsule microsphere)	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 12	1	"4822535" PN	USPAT, USOCR	OR	OFF	2008/11/08 17:35
SIO 14	28379	aqueous adj emulsion	US:PGPub, USPAT, USOCR	OR	OFF	2008/11/08 17:35
SIO 15	1084	S114 and (microcapsule microsphere)	US:PGPub, USPAT, USOCR	OR	ON	2008/11/08 17:35

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EAST Search History

SIO 8	7	two near3 phase adj aqueous adj emulsion	US:PGPub, USPAT, USOCR	OR	OFF	2008/11/08 17:35
SIO 7	3701	N-isopropylacrylamide	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 8	9329	ethylene adj glycol adj diacrylate	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 9	1	S117 near3 S116	US:PGPub, USPAT, USOCR	OR	OFF	2008/11/08 17:35
SIO 10	4	S117 with S116	US:PGPub, USPAT, USOCR	OR	OFF	2008/11/08 17:35
SIO 11	96847	S117 som el25	US:PGPub, USPAT, USOCR	OR	OFF	2008/11/08 17:35
SIO 12	14	S117 some S116	US:PGPub, USPAT, USOCR	OR	OFF	2008/11/08 17:35
SIO 13	2	S117 near3 S116	US:PGPub, USPAT, USOCR	OR	OFF	2008/11/08 17:35
SIO 14	190	S117 and S116	US:PGPub, USPAT, USOCR	OR	OFF	2008/11/08 17:35
SIO 15	1	S116 and S124	US:PGPub, USPAT, USOCR	OR	ON	2008/11/08 17:35
SIO 16	15	S116 and S117	US:PGPub, USPAT, USOCR	OR	ON	2008/11/08 17:35
SIO 17	9329	ethylene adj glycol adj diacrylate	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35
SIO 18	7112	S127 and (advantage\$5 benefit)	US:PGPub, USPAT, USOCR, EPIC, JPO, DERWENT	OR	OFF	2008/11/08 17:35

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S12 9	4	S127 nearb (advantage\$5 benefit)	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	OFF	2008/11/08 17:35
S13 0	6	S127 with (microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 17:35
S13 1	22511	poly adj ethylene adj glycol	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	OFF	2008/11/08 17:35
S13 2	4151	S131 and (microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 17:35
S13 3	1266	S131 with crosslink\$5	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	OFF	2008/11/08 17:35
S13 4	290	S133 and (microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 17:35
S13 5	4819	injectable adj (microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 17:35
S13 6	0	injectable adj hydrogel adj (microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 17:35
S13 7	6	injectable adj hydrogel adj (microsphere microcapsule)	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 17:35

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S13 8	4038	S135 and cytokine	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 17:35
S13 9	2	("6596296") PN	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	OFF	2008/11/08 17:35
S14 0	28	("4464321" "4865128" "5166187" "5263964" "5290271" "5342348" "5444113" "5567612") PN OR ("6596296"). USPN	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	OFF	2008/11/08 17:35
S14 2	9	("4464321" "4865128" "5166187" "5263964" "5270300" "5290271" "5342348" "5567612" "6596296") PN	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	OFF	2008/11/08 17:35
S14 4	5	("4464321" "4865128" "5166187" "5263964" "5290271" "5342348" "5444113" "5567612") PN	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	OFF	2008/11/08 17:35
S14 6	6	(("5566051") or ("6596296") or ("6130318")) PN	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	OFF	2008/11/08 17:35
S14 7	114302	(hydrogel or hydro gel or gel) with (polyethyleneglycol diacrylate or poly ethyleneglycol diacrylate or poly ethylene glycol diacrylate or poly ethylene glycol diacrylate or poly ethyleneglycol dimethacrylate or poly ethyleneglycol dimethacrylate or poly ethylene glycol dimethacrylate or poly ethylene glycol dimethacrylate or poly ethyleneglycol dimethacrylate or poly ethyleneglycol dimethacrylate or poly ethylene glycol dimethacrylate or poly ethylene glycol dimethacrylate)	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 18:28
S14 8	61593	(hydrogel or hydro gel or gel) with (peg diacrylate or peg di acrylate or peg dimethacrylate or peg di methacrylate or peg di meth acrylate)	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 18:28
S14 9	14041	(hydrogel or hydro gel or gel) with (peg or polyethylene glycol or poly ethylene glycol or poly ethyleneglycol) with (diacrylate or dimethacrylate or di acrylate or di methacrylate or di meth acrylate)	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 18:28
S15 0	20633	(S147 S148 S149) same I	US:PGPUB, USPAT, USOCR, EPO:JPO, DERIVENT	OR	ON	2008/11/08 18:29

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micro adj sphere micro adj balloon core adj :

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Si6 9	89	Si60 and Si61 and (Si62 Si63 Si64)	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 18:52
Si7 0	65	Si69 not Si65	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 18:52
Si7 1	2022	Si60 same (hydrogel hydro adj gel gel) same emulsion	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 18:57
Si7 2	2	Si71 same Si64	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 18:57
Si7 3	30	Si71 and Si64	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 18:58
Si7 4	19	Si73 and Si61	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 18:56
Si7 5	31	Si73 and dextran	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 19:00
Si7 6	234226	(N-isopropylacrylamide N adj isopropylacrylamide N adj isopropyl acrylamide N PAA nppm S4acrylamide)	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2008/11/08 19:03
Si7 7	28	Si76 and Si76	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 19:04

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Si7 8	28	Si68 and (size micron micro adj meter diameter radius)	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 19:13
Si7 9	21	Si78 and emulsion and dextran	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 19:14
Si8 0	1	Si78 and ((aqueous adj with emulsion) and dextran	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 19:16
Si8 1	197	(Si62 or Si63 or Si64) and Si60	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	ADJ	ON	2008/11/08 19:16
Si8 2	190	Si61 and (size micron micro adj meter diameter radius)	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 19:17
Si8 3	17	Si62 and ((aqueous adj with emulsion) and dextran	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 19:17
Si8 4	2	(5,055,517) FN	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	OFF	2008/11/08 19:18
Si8 5	14776	(Ethel surface coat coating surface adj layer surface adj coating waf) same ((poly polyethylene adj glycol poly adj ethylene adj glycol) with (dioxylene adj acrylate dimethacrylate S4acrylate))	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 19:22
Si8 6	34782	(Ethel surface coat coating surface adj layer surface adj coating waf) same (Si6acrylamide)	US-PGRUS, USPAT, USOCR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 19:22

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S18 7	70	"11" and S185 and S186	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:22
S18 8	672	S160 and S185 and S186	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:22
S18 9	159	S188 and hydrogel	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:22
S19 0	113	S189 and emulsion	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:23
S19 1	101	S190 and protein	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:23
S19 2	100	S191 and (size diameter radius radi micron micro adj meter nano nano adj meter)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:23
S19 4	24	(hydrogel with S160) and S185 and S186 and (emulsion) and (size diameter radius radi micron micro adj meter nano nano adj meter)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:27
S19 5	53	(peg adj da poly adj ethylene adj glycol adj di adj acrylate) same (hydrogel with S160)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:29
S19 6	1	(peg adj da poly adj ethylene adj glycol adj di adj acrylate) same (hydrogel with S160)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:29

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S19 7	10	(peg adj da poly adj ethylene adj glycol adj di adj acrylate (ethylene adj glycol with S4acrylate)) same (hydrogel with S160)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:29
S19 9	37	09 556937	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 19:31
S20 4	10	((disperseS2) with (poly adj ethylene adj glycol peg)) and ((continuous) with (dextran poly adj saccharide))	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 20:36
S20 5	304	((disperseS2) near3 (poly adj ethylene adj glycol peg))	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 20:36
S20 6	9	((disperseS2 adj phase) near3 (poly adj ethylene adj glycol peg))	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 20:36
S20 7	1	10 536477	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 20:41
S20 8	2	("4822535") PN	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	OFF	2008/11/08 21:03
S20 9	39	("4822535") URPN	USPAT	OR	ON	2008/11/08 22:00
S21 0	4	S164 with continuous	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/08 22:09
S21 1	30	(S164) same S160	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	AQU	ON	2008/11/08 22:10

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S21 2	11	S164 same emulsion	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	AJU	ON	2008/11/08 22:10
S21 3	15	("315590" "3265175" "3634394" "3897414" "4061466" "4125403" "4389330" "4486471" "4540602" "4606940") PN	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 22:22
S21 4	11	S213 and (size diameter radius radi micron micro adj meter nano nano adj meter)	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 22:22
S21 5	1	(Edman "4622535") with (size diameter radius radi micron micro adj meter nano nano adj meter)	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 22:26
S21 6	42	"4622535"	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 22:26
S21 7	5	S213 and (size diameter radius radi micron micro adj meter nano nano adj meter) same (drop droplet)	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:22
S21 8	1057	(emulsion) same (size diameter radius radi micron micro adj meter nano nano adj meter) same (drop droplet) same (stirring stir mix mixing intensity intensities) same (advantage benefit function use usage gain improve improvement enhance enhancement develop development assist assistance help)	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:26
S21 9	7702	((426/402-402/24) or (427/213.3-213/36) or (264/4-4.7)), OCLB	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	OFF	2008/11/08 23:27
S22 0	52	S218 and S219	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:27
S22 1	24	(emulsion) with (size diameter radius radi micron micro adj meter nano nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (advantage benefit function use usage gain improve improvement enhance enhancement develop development assist assistance help)	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:28

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S22 2	0	S221 and S219	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:28
S22 3	73	(emulsion) with (size diameter radius radi micron micro adj meter nano nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (controlled control modify modification)	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:29
S22 4	9	S223 and S219	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:29
S22 5	14	(emulsion) with (diameter radius radi micron micro adj meter nano nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (controlled control modify modification)	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:30
S22 6	20	(emulsion) with (diameter radius radi micron micro adj meter nano nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (controlled control modify modification) after alteration altering adjusting adjust)	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:32
S22 7	15	S226 not S225	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:33
S22 8	16	(emulsion) with (diameter radius radi micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (controlled control modify modification)	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:37
S22 9	17	(emulsion) with (diameter radius radi micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (controlled control modify modification)	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:38
S23 0	931	emulsion same droplet same size same control	US-PGPub, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:39

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S23 1	70	S230 and S219	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:40
S23 2	192	emulsion with droplet with size with control	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:40
S23 3	19	S232 and S219	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:40
S23 4	327	S230 same (diameter radius radi micron um micrometer micro adj meter nano nm nanometer nano adj meter)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:44
S23 5	149	S234 same (stirring stir stirred mixed blend blended blending mix mixing intensity intensities)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:48
S23 6	6	S235 and S219	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:49
S23 7	26	(emulsion emulsification emulsify) with (diameter radius radi micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) same (stirring stir4 mix4 mixing intensity intensities) with (controlled control modify modification)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:51
S23 8	933	(emulsion emulsification emulsify) same (diameter radius radi micron um micrometer micro adj meter nano nm nanometer nano adj meter) same (drop droplet) same (stirring stir4 mix4 mixing intensity intensities) same (controlled control modify modification)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:57
S23 9	48	S236 and S219	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/08 23:58

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S24 1	1334	(drug adj delivery) same hydrogel same (S160)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/09 00:03
S24 2	4	S238 and S241	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/09 00:03
S24 6	3	S238 and (hydrogel near3 S160)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/09 00:06
S24 7	10	S238 and (hydrogel with S160)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/09 00:07
S24 8	7	S247 not S236	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/09 00:07
S24 9	10	S238 and (hydrogel same S160)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/09 00:08
S25 0	2	(poly adj ethylene adj glycol adj diacrylate) same hydrogel same (microcapsule micro adj capsule microsphere micro adj sphere)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/09 00:27
S25 1	3	(poly adj ethylene adj glycol adj diacrylate) same hydrogel same (S160)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/09 00:28
S25 2	1	S165 same (advantage benefit function use usage gain improve improvement enhance enhancement develop development assist assistance help)	US-PG/PUB, USPAT, USCOR, EPO, JPO, DERIVENT	OR	ON	2008/11/09 00:29

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S25 3	197	(S162 or S163 or S164) and S160	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	ADJ	ON	2008/11/09 00:29
S25 5	3	(S213 and ((diameter radius radi micron micro adj meter nano nano adj meter) same (drop droplet)))	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/09 01:06
S25 6	5	S214 and emulsion	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/09 01:07
S25 7	975	(emulsion) with (diameter radius radi micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) same (drug biological bio54)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/09 01:13
S25 8	48	(emulsion) with (diameter radius radi micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) with (drug biological bio54)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/09 01:16
S25 9	671	(emulsion) with (diameter radius radi micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) with range	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/09 01:44
S25 0	36	S259 and S219	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/09 01:45
S25 1	924	(emulsion emulsification emulaty) same (diameter radius radi micron um micrometer micro adj meter nano nm nanometer nano adj meter) same (drop droplet) same (stirring stir54 mix54 mixing) same (controlled control modify modification)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/09 02:29
S25 2	4221	(emulsion emulsification emulaty) same (diameter radius radi micron um micrometer micro adj meter nano nm nanometer nano adj meter) same (drop droplet) same (stirring stir54 mix54 mixing) same (stirring stir stirred mixed blend blended blending mix mixing intensity intensities)	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/09 02:52

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S25 3	265	S262 and S219	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/09 02:52
S25 4	259	S263 not S235	US:PGPUB, USPAT, USOCR, EPO:_JPO, DERIVENT	OR	ON	2008/11/09 02:52

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